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# Virginia Respiratory Disease and Monkeypox Data Update

January 12, 2022

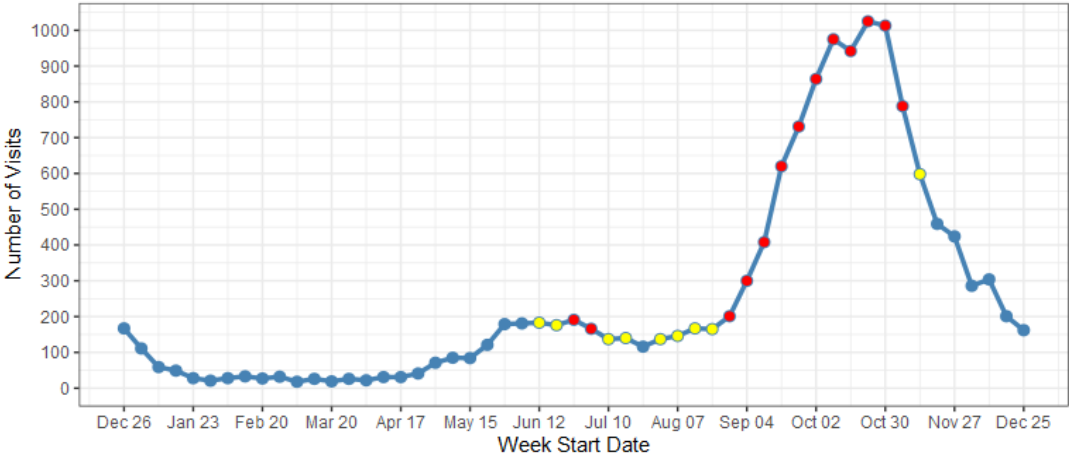


**VIRGINIA'S  
HEALTH  
IS IN OUR  
HANDS.**

Do your part,  
stop the spread.

*Diagnosed Respiratory Syncytial Virus (RSV)		
12/11 - 12/17 (MMWR Week 50)	12/18 - 12/24 (MMWR Week 51)	12/25 - 12/31 (MMWR Week 52)
302 visits	201 visits	162 (-19%)
Data is from the week of Dec. 25 - Dec 31, 2022. Percent change is from week prior		
* RSV - ED and urgent care visits that include RSV in the discharge diagnosis (not necessarily confirmed cases)		

Weekly ED and Urgent Care Visits with Diagnosed RSV  
12/26/21 – 12/31/22

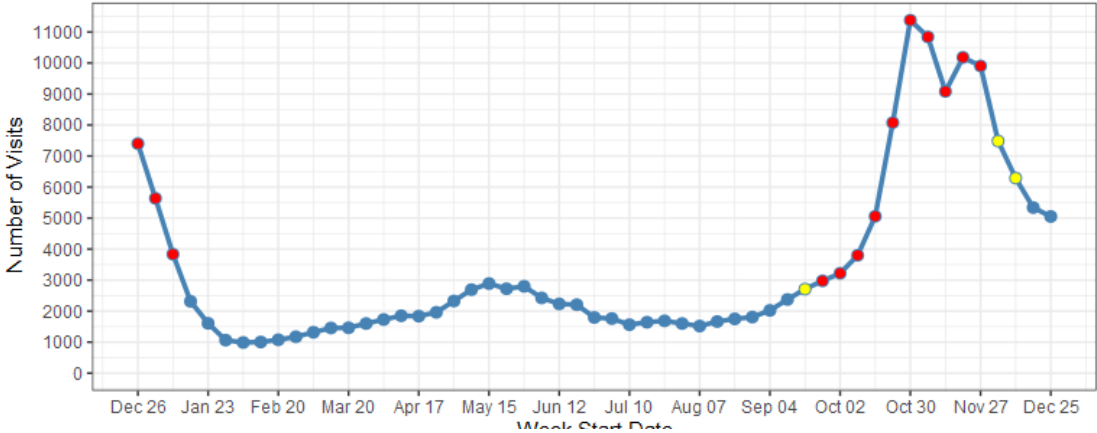


- Nationally, RSV hospitalization rates nationally decreased from 1.3 to 0.6 per 100k, during the week ending 12/31

Source: VDH Weekly Respiratory Disease Surveillance Report. Percentage change is calculated off prior week's visits. Data are preliminary and subject to change. RSV Net: <https://www.cdc.gov/rsv/research/rsv-net/dashboard.html>

*Influenza-Like Illness (Excluding Diagnosed COVID-19) ED and Urgent Care Visits		
12/11 - 12/17 (MMWR Week 50)	12/18 - 12/24 (MMWR Week 51)	12/25 - 12/31 (MMWR Week 52)
6,287	5,338	5,051 (-5%)
Data is from the week of Dec. 25 - Dec 31, 2022. Percent change is from week prior		
* ILI - ED and urgent care visits with a chief complaint of 'flu' or fever + sore throat/cough. <b>Visits with diagnosed COVID-19 are excluded.</b>		

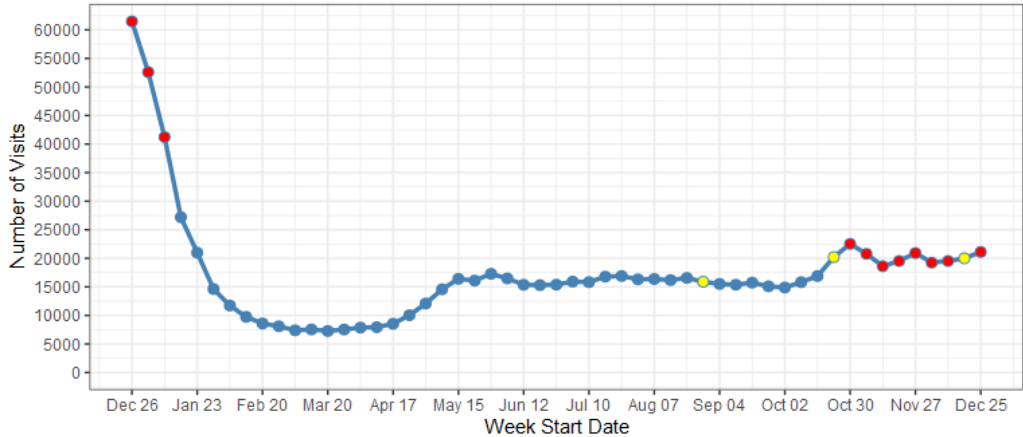
Weekly ED and Urgent Care Visits for ILI Excluding Diagnosed COVID-19  
12/26/21 – 12/31/22



- Virginia reported 5.5 % of all ED and urgent care visits were for ILI, during the week ending 12/31
- Largest proportion of ILI visits were seen in the 0-4 years of age group with 15.6% of all visits

*COVID-Like Illness ED and Urgent Care Visits		
12/11 - 12/17 (MMWR Week 50)	12/18 - 12/24 (MMWR Week 51)	12/25 - 12/31 (MMWR Week 52)
19,465	19,997	21,111 (+6%)
Data is from the week of Dec. 25 - Dec 31, 2022. Percent change is from week prior		
*CLI - ED visits noting symptoms of fever + respiratory complaint (e.g. fever with cough, shortness of breath, or difficulty breathing), loss of taste or smell, those with a coronavirus or severe respiratory diagnosis, or visits that mention COVID-19 as the reason for visit.		

Weekly ED and Urgent Care Visits for COVID-Like Illness, VA, 12/26/21 - 12/31/22

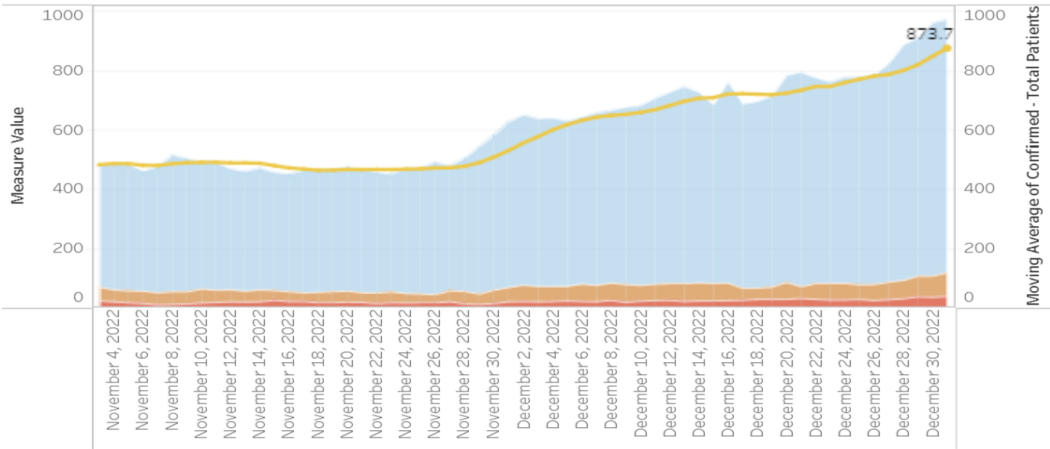


\*Source: [CDC COVID Data Tracker](#), [VHHA Hospitalizations – Coronavirus \(virginia.gov\)](#), [VDH COVID-19 Dashboard](#)  
VDH Weekly Respiratory Disease Surveillance Report. Percentage change is calculated off updated case numbers from week prior.  
\*Data comparisons: Wednesday-Wednesday

For the week ending Dec 31, 2022, MMWR week 52:  
\* Compared to last week:

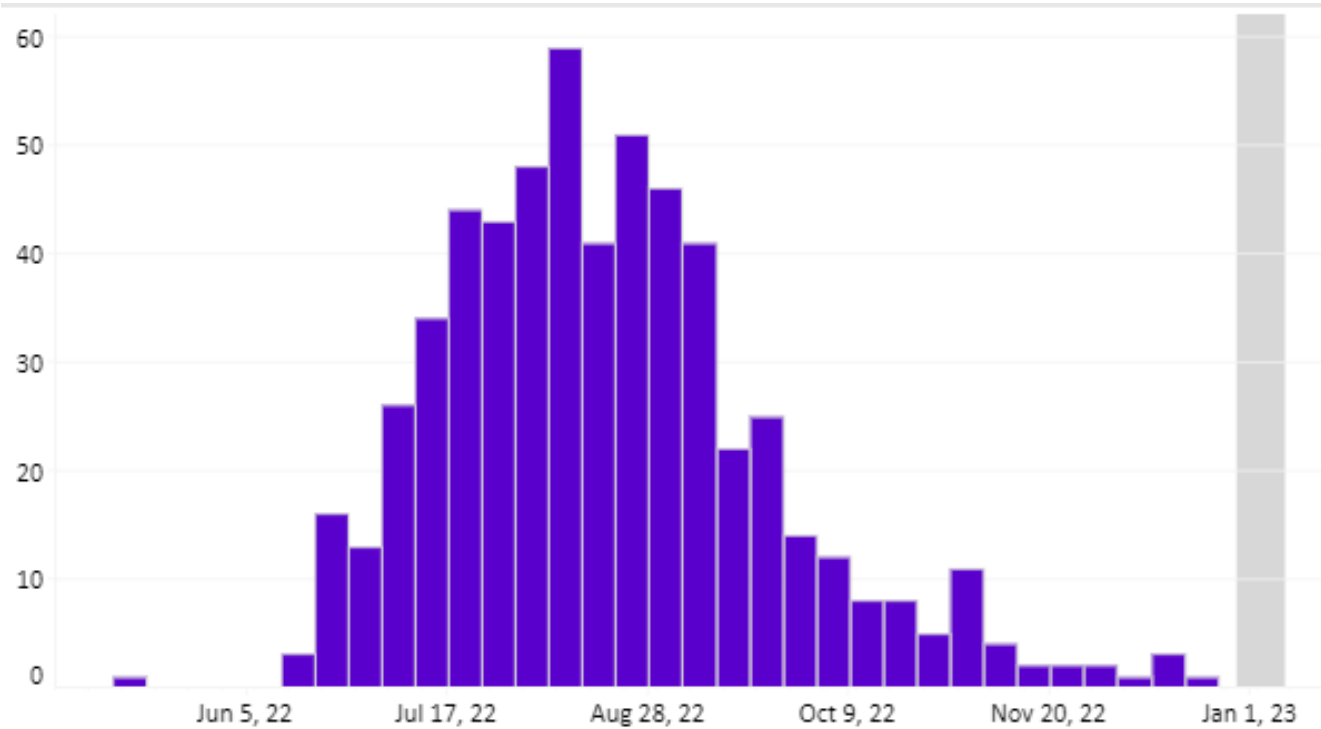
- Weekly **case rate remained stable** at 164 per 100K
- Hospital Census Data shows a 7-day MA **increased 15%** at 873.7 per day
- The number of deaths reported for this week is 9 (confirmed & probable)

COVID-19 Hospital Census Trends  
Virginia, November 2022 – December 2022



- Confirmed COVID-19 Patients Currently on Ventilator Support
- ICU (Confirmed)
- Confirmed
- 7-Day Moving Average of Confirmed COVID-19

Epi Curve of Mpox Cases (5/2022 – 1/2023)



Total Cases	566
Hospitalizations	29
Deaths	1

Mpox Cases By Age and Sex (as of 1/10/2023)

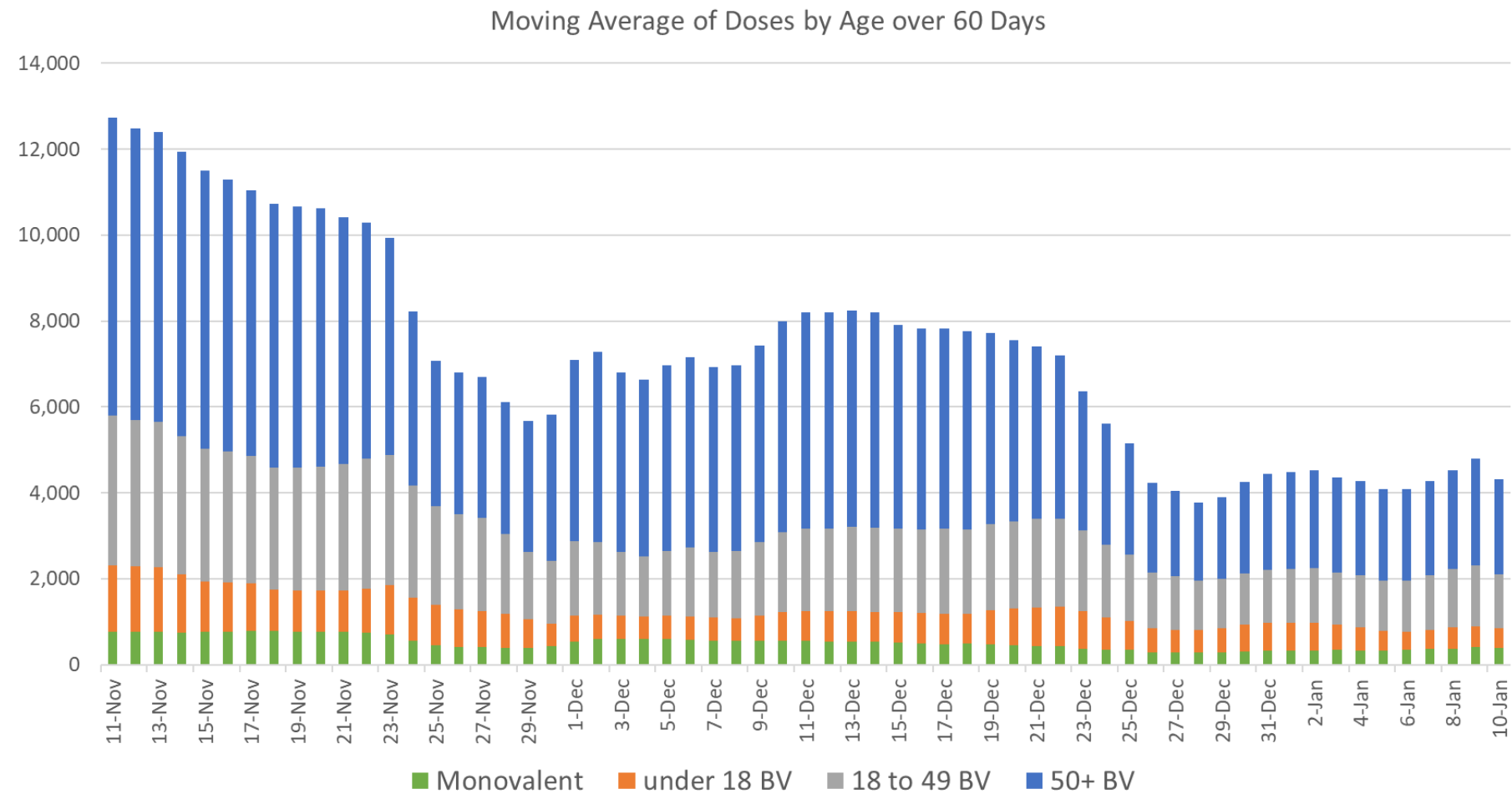
Age Group	Cases
0-9 Years	0 (0.0%)
10-14 Years	1 (0.2%)
15-19 Years	14 (2.5%)
20-29 Years	208 (36.7%)
30-39 Years	224 (39.6%)
40-49 Years	82 (14.5%)
50-59 Years	32 (5.7%)
60-69 Years	3 (0.5%)
70+ Years	2 (0.4%)
Sex	
Female	31 (5.5%)
Male	535 (94.5%)

\*Data represent investigations with notifications submitted in VEDSS.

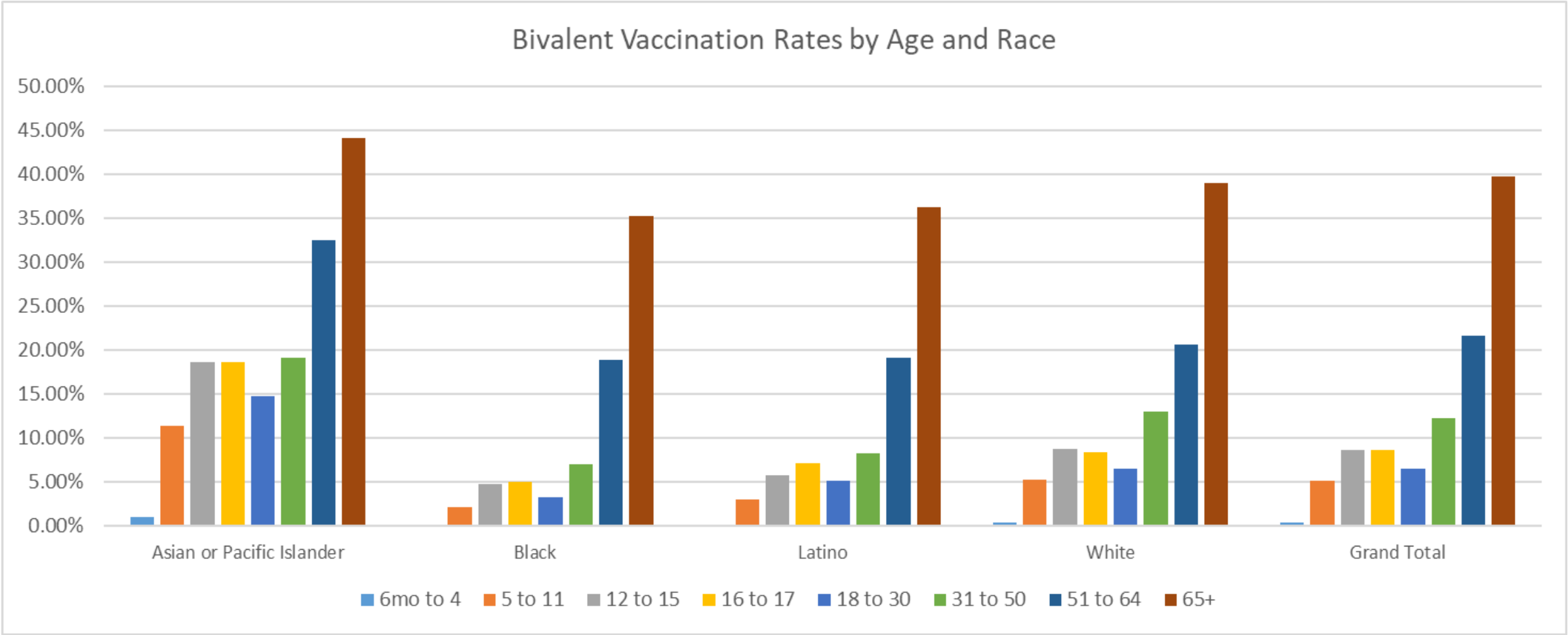
# Virginia: Monovalent vs Bivalent Vaccination over the prior 60 days

Updated 1/11/23

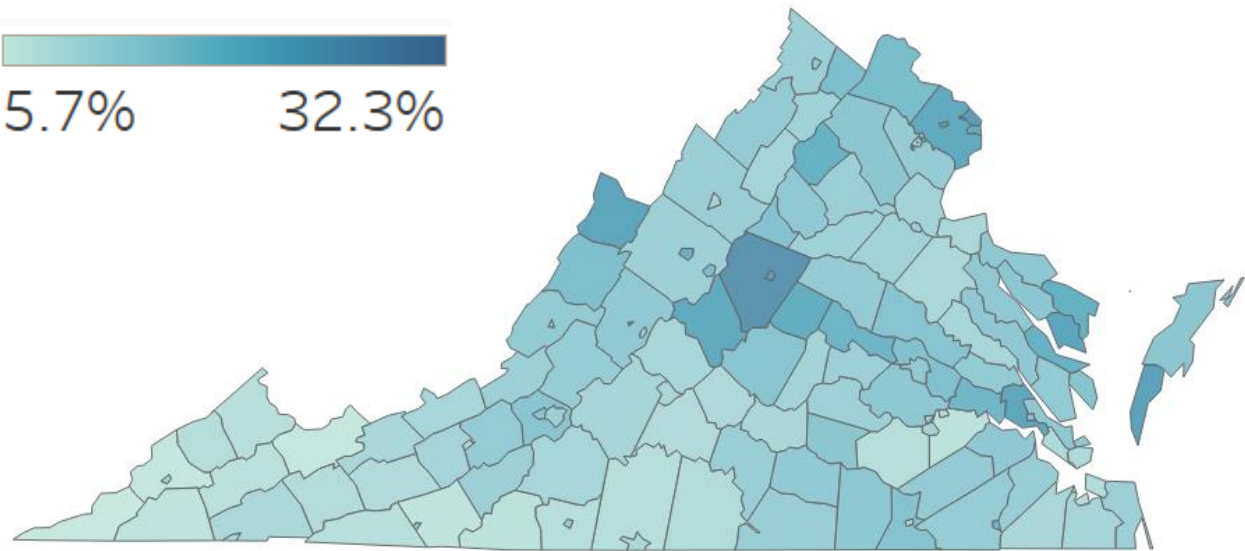
- There have been 1,363,810 Bivalent Covid-19 Vaccine Doses Administered so far
- 93.0% of doses were Bivalent the month of December, 91.9% of doses have been Bivalent so far in January



- 40% of the total 65+ population has received a bivalent booster, outpacing 2<sup>nd</sup> booster uptake at a similar stage
- 41% of bivalent vaccines has gone to 65+, as this age group is far outpacing other ages for uptake



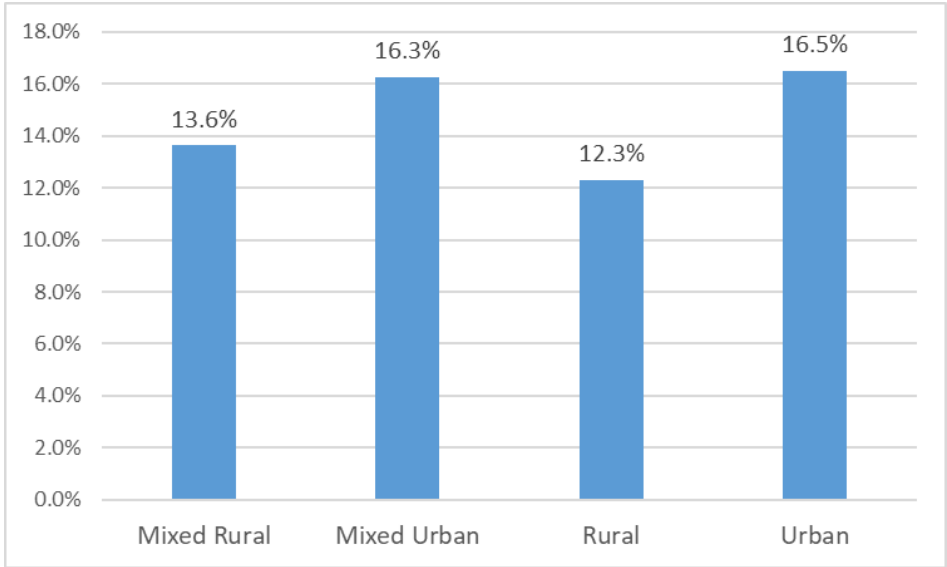
## Percent of the Total Population with Bivalent Booster by Locality



## Vaccination Rates by Region

Health Region	Fully Vaccinated	Change
Central	64.7%	0.0%
Eastern	60.7%	0.0%
Northern	76.9%	0.1%
Northwest	62.3%	0.0%
Southwest	54.9%	0.0%

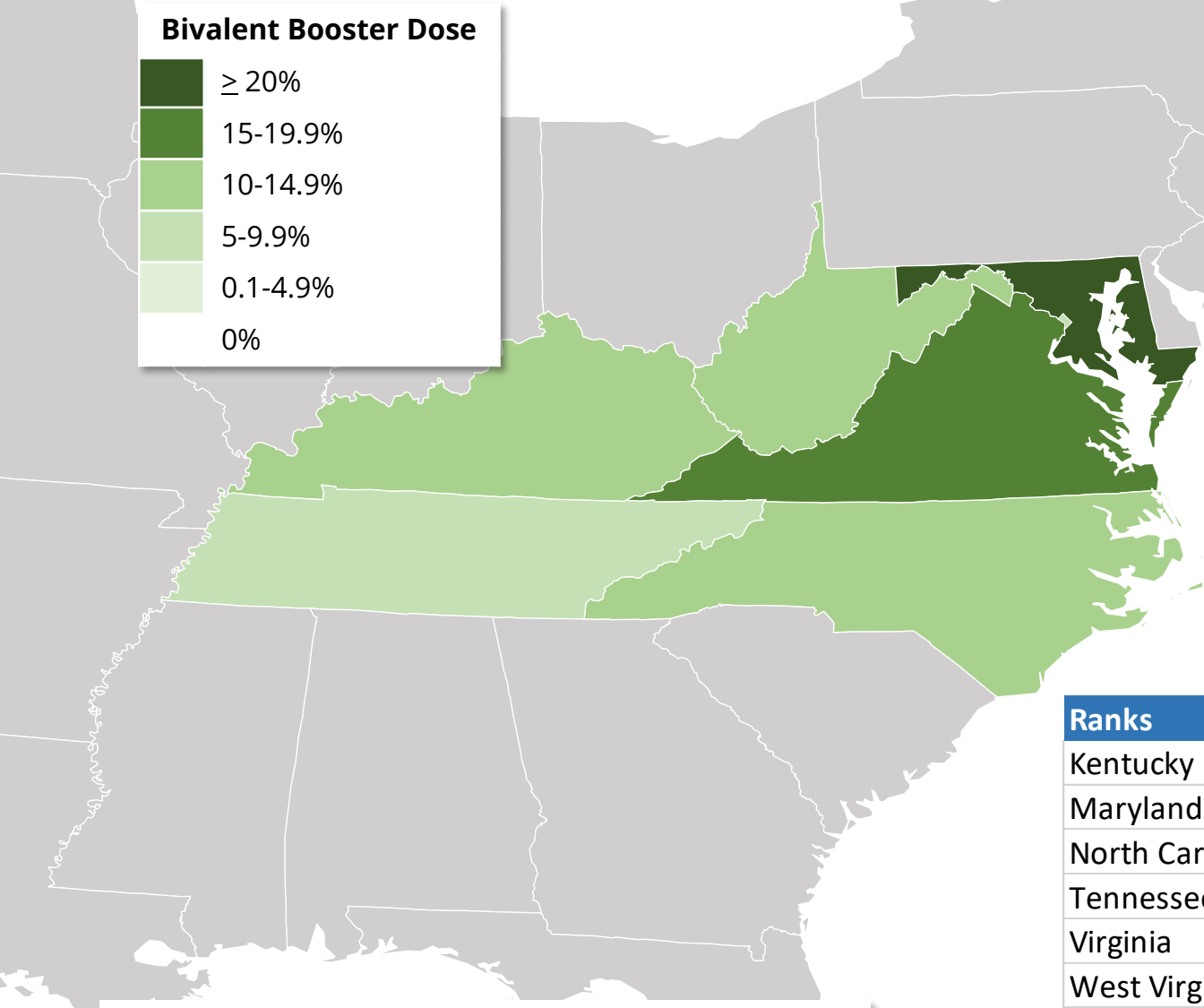
## Bivalent Uptake by Urban / Rural



- 73.6% of the Total Population is Fully Vaccinated
- 16.0% of the Total Population has a Bivalent Booster
- 22.8% of the Eligible Population has a Bivalent Booster
- Virginia is 15<sup>th</sup> in the nation in Bivalent Booster uptake

# Virginia and Neighbors: Vaccination Rates

Updated 1/11/23



	One Dose*	Fully Vax*	Bivalent Booster**
Nationwide	80.9%	69.1%	15.4%
D.C.	95.0%	85.5%	29.2%
Kentucky	68.7%	59.5%	11.8%
Maryland	91.4%	79.4%	22.6%
North Carolina	91.7%	66.8%	14.0%
Tennessee	64.3%	56.2%	9.7%
Virginia**	90.7%	76.4%	19.6%
West Virginia	67.3%	59.6%	11.0%

\*Total population, includes out-of-state vaccinations  
\*\*Percent of fully vaccinated people with a booster dose  
\*\*\*Differs from previous slide because all vaccination sources are included

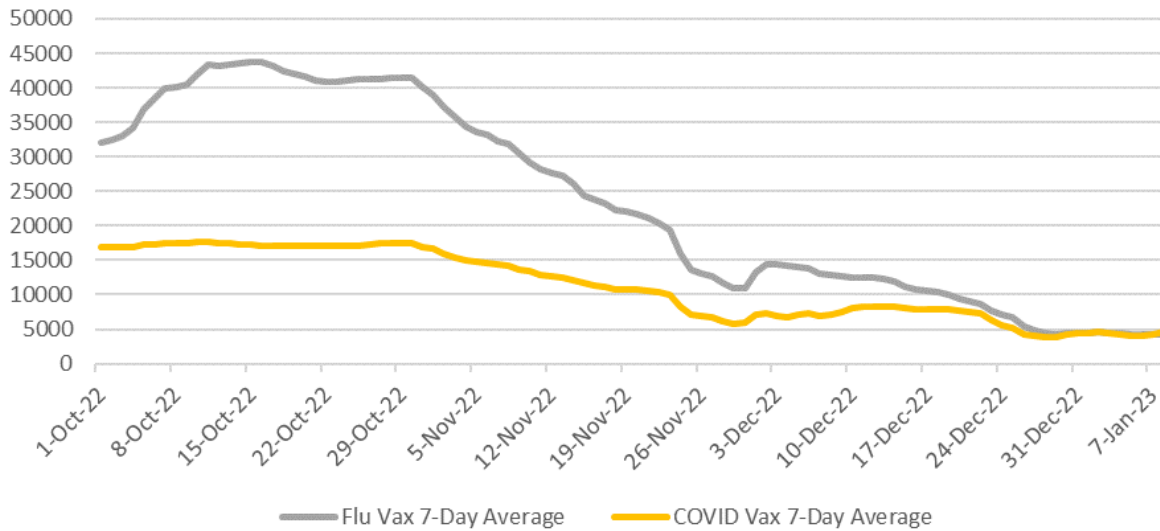
Ranks	Fully Vax %	0-4 First Dose %	5-11 First Dose %	Bivalent Booster %
Kentucky	#38	#36	#40	#37
Maryland	#8	#6	#5	#8
North Carolina	#23	#27	#24	#30
Tennessee	#46	#41	#46	#46
Virginia	#10	#11	#7	#15
West Virginia	#37	#46	#45	#39

Source: <https://covid.cdc.gov/covid-data-tracker/#vaccinations>



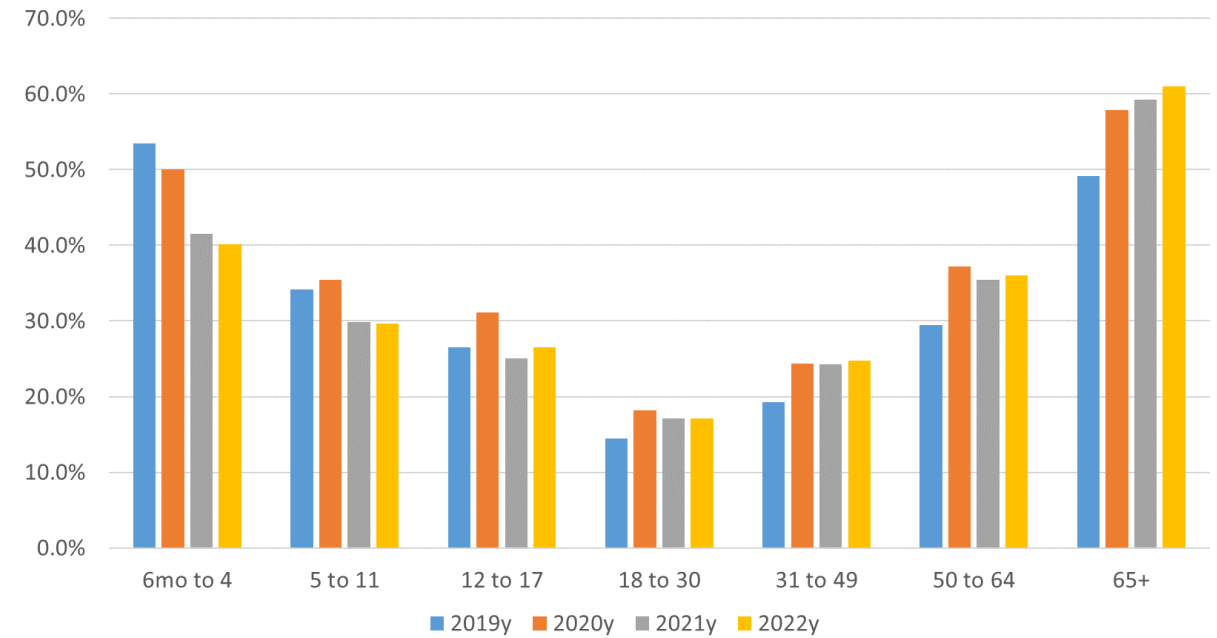
- Flu Vaccinations have roughly followed a similar pattern to Covid Vaccinations since September 1<sup>st</sup>, with a noticeable decline over the Thanksgiving and Christmas holidays
- There have been 2.8 million Flu Vaccine doses administered (33% of the Total Population) since July 1st, 2022, which is very similar to the prior Flu season and higher than pre-pandemic.
- Children ages 0-11 are trailing previous years vaccination rates.

7-Day Average of Flu Vax vs Covid Vax

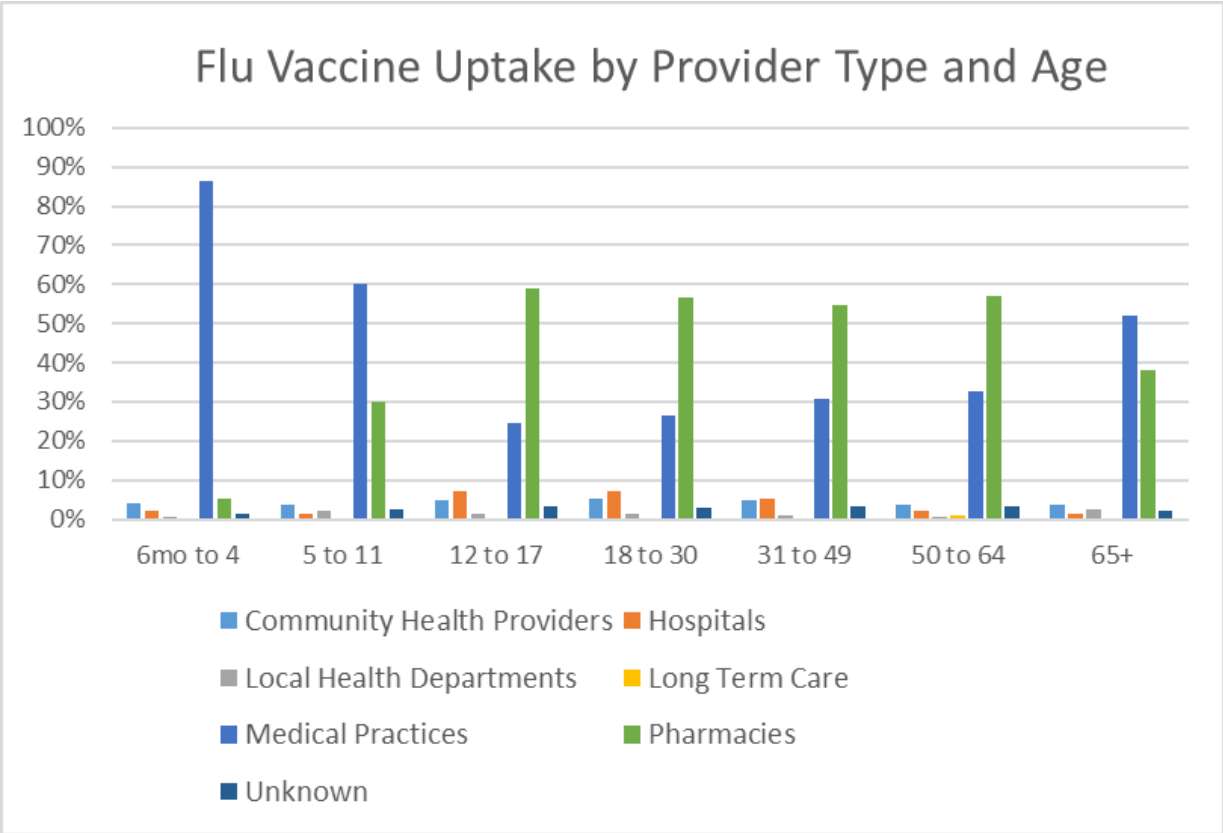
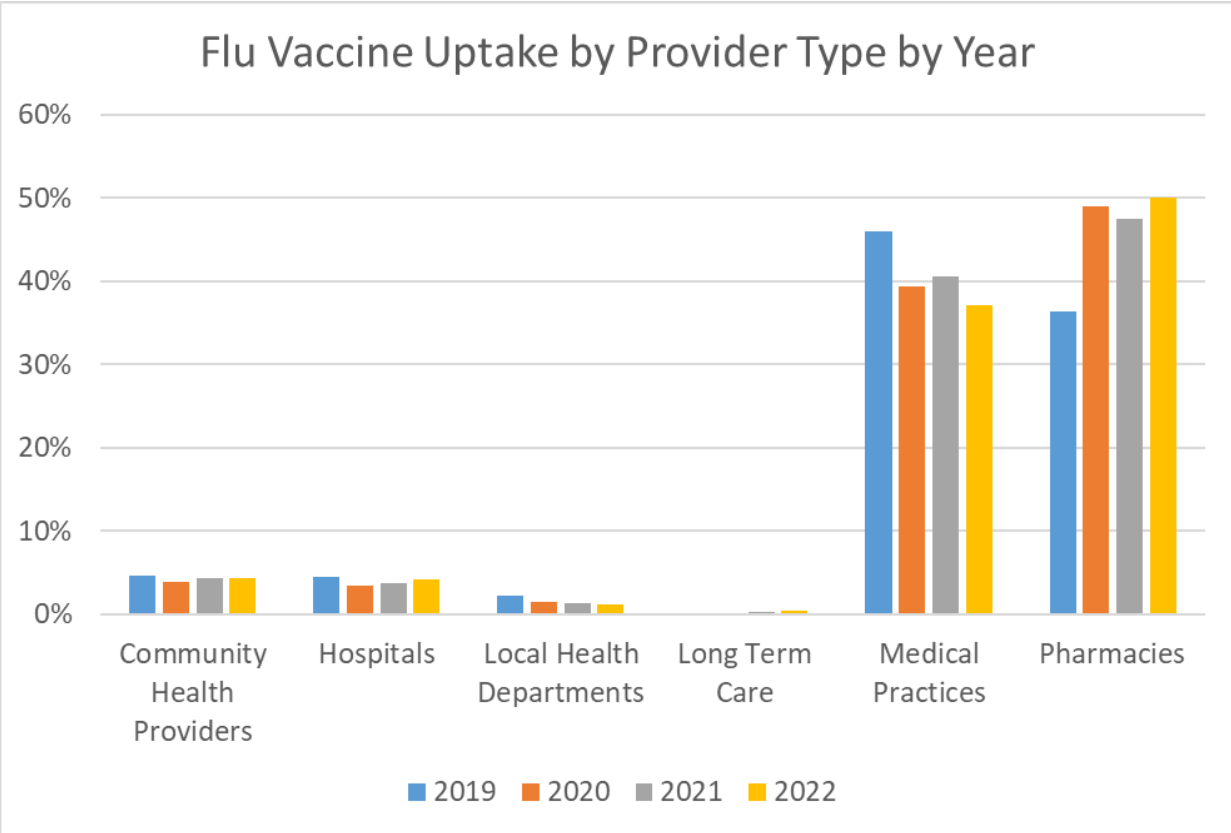


7 Day Average - Last 7 days of daily doses given, adds them and divided by 7.

% of Population that Received a Flu Vaccine from July 1 to Dec. 31



- Of the known data, pharmacies are administering a higher percent of vaccinations in recent years
- A vast majority of the Vaccinations in younger children are performed in Medical Practices



- Vaccinations have been slowing, with 83 doses administered last week out of the total 21,485 doses since July 1st.
- 89.6% of Vaccines Administered have been to Males
- 56.5% of Vaccines Administered have in the Northern Region
- The White Population accounts for 57.1% of Vaccinations by Race where data is available

